

PTO/SB/81 (04-05)

Approved for use through 11/30/2005. OMB 0651-0035  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**POWER OF ATTORNEY  
and  
CORRESPONDENCE ADDRESS  
INDICATION FORM**

Application Number	10/767,308
Filing Date	January 29, 2004
First Named Inventor	Rosana Kapeller-Libermann, et al.
Title	2786, A NOVEL HUMAN.....
Art Unit	1635
Examiner Name	Schnizer, Richard A.
Attorney Docket Number	MPI99-193CN2M

I hereby revoke all previous powers of attorney given in the above-identified application.

I hereby appoint:

Practitioners associated with the Customer Number:

30405

OR

Practitioner(s) named below:

Name	Registration Number

as my/our attorney(s) or agent(s) to prosecute the application identified above, and to transact all business in the United States Patent and Trademark Office connected therewith.

Please recognize or change the correspondence address for the above-identified application to:

The address associated with the above-mentioned Customer Number:

OR

The address associated with Customer Number:

30405

OR

<input type="checkbox"/>	Firm or Individual Name
--------------------------	-------------------------

Address
---------

City
------

State
-------

Zip
-----

Country
---------

Telephone
-----------

Email
-------

I am the:

Applicant/Inventor.

Assignee of record of the entire interest. See 37 CFR 3.71.  
*Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)*

**SIGNATURE of Applicant or Assignee of Record**

Signature	<i>Ian R Silverman</i>	Date	January 9, 2006
Name	Ian Robert Silverman	Telephone	617 551 8604
Title and Company	Associate General Counsel		

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below\*.

\*Total of 1 forms are submitted.

This collection of information is required by 37 CFR 1.31, 1.32 and 1.33. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 3 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



JAN 12 2006

PTO/SB/96 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Millennium Pharmaceuticals, Inc.Application No./Patent No.: 10/767,308 Filed/Issue Date: January 29, 2004Entitled: 2786, A NOVEL HUMAN AMINOPEPTIDASE

Millennium Pharmaceuticals, Inc., a a Delaware corporation  
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1.  the assignee of the entire right, title, and interest; or
2.  an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A  An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 010716, Frame 0339, or for which a copy thereof is attached.

OR

B  A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at  
Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

Additional documents in the chain of title are listed on a supplemental sheet.

Copies of assignments or other documents in the chain of title are attached.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Ian R. Silverman

Signature

January 9, 2006

Date

Ian Robert Silverman

Printed or Typed Name

617 551 8604

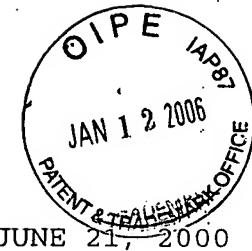
Telephone Number

Associate General Counsel

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



AM S  
**UNITED STATES DEPARTMENT OF COMMERCE**  
**Patent and Trademark Office**  
ASSISTANT SECRETARY AND COMMISSIONER  
OF PATENTS AND TRADEMARKS  
Washington, D.C. 20231

PTAS

ALSTON & BIRD LLP  
W. MURRAY SPRUILL  
PO DRAWER 34009  
CHARLOTTE, NC 28234-4009

Alston & Bird



\*101332967A\*

JUN 30 2000

Received By

UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 03/27/2000

REEL/FRAME: 010716/0339  
NUMBER OF PAGES: 10

BRIEF: ASSIGNMENT OF ASSIGNEE'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNEE:

KAPELLER-LIBERMANN, ROSANA

DOC DATE: 02/17/2000

ASSIGNEE:

WHITE, DAVID

DOC DATE: 02/22/2000

ASSIGNEE:

MACBETH, KYLE J.

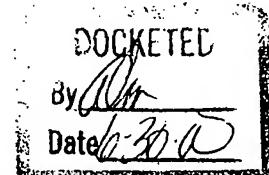
DOC DATE: 03/01/2000

ASSIGNEE:

MILLENNIUM PHARMACEUTICALS, INC.  
75 SIDNEY STREET  
CAMBRIDGE, MASSACHUSETTS 02139

SERIAL NUMBER: 09443795  
PATENT NUMBER:

FILING DATE: 11/19/1999  
ISSUE DATE:



010716/0339 PAGE 2

MARCUS KIRK, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

MRD 3.27.00 ASSIGNMENT RE

04-25-2000

(EET Patents Only)



10133296/

To the Honorable Commissioner of Patents  
Please record the attached original document.

Dkt. No.: 5800-62

RECEIVED  
MAR 27 PM 12:01  
OPR/FINANCE

## 1. Name of conveying party(ies):

Rosana Kapeller-Libermann  
David White  
Kyle J. MacBeth

Additional name(s) of conveying party(ies) attached? Yes  No 

## 3. Nature of conveyance:

- Assignment  
 Merger  
 Security Agreement  
 Change of Name  
 Other \_\_\_\_\_

Execution Date: Kapeller-Libermann: Feb 17, 2000White: Feb. 22, 2000MacBeth: March 1, 2000

## 2. Name and address of receiving party(ies):

Millennium Pharmaceuticals, Inc.  
75 Sidney Street  
Cambridge, MA 02139

Additional name(s) & address(es) attached? Yes  No 

## 4. Application No. 09/443,795

Patent No. \_\_\_\_\_

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Additional numbers attached? Yes  No 

## 5. Name and address of party to whom correspondence concerning document should be mailed:

W. Murray Spruill  
ALSTON & BIRD LLP  
P. O. Drawer 34009  
Charlotte, NC 28234-4009

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41) \$40.00

- Enclosed  
 Authorized to be charged to deposit account

## 8. Deposit account number: 16-0605

DO NOT USE THIS SPACE

## 9. Statement and signature

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

W. Murray Spruill, Reg. No. 32,943  
Name of Person Signing

Signature

March 20, 2000

Date

1/25/2000 TTOM11 00000026 09442795

Total number of pages including cover sheet, attachments and document: 10

40.00 OP

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Rosana Kapeller-Libermann, a citizen of Brazil; David White, a citizen of the United States of America; and Kyle J. MacBeth, a citizen of the United States of America; respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in "2786, A NOVEL HUMAN AMINOPEPTIDASE ", for which an application for United States Letters Patent was filed November 19, 1999 and assigned U.S. Patent Application No. 09/443,795, and

WHEREAS, Millennium Pharmaceuticals, Inc., a Delaware corporation having a principal place of business at 75 Sidney Street, Cambridge, MA 02139 , County of Middlesex, United States of America, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 17 day of February, 2000.

  
(SEAL)  
Rosana Kapeller-Libermann

STATE OF Massachusetts)  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Rosana Kapeller-Libermann personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 17<sup>th</sup> day of February, 2000.



My Commission Expires: October 21, 2005

  
Notary Public

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

  
(SEAL)  
David White

STATE OF Massachusetts)  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify David White personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

  
Notary Public

My Commission Expires: October 21, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
(SEAL)

Kyle J. MacBeth

STATE OF Massachusetts)

)

COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Kyle J. MacBeth personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Rosana Kapeller-Libermann, a citizen of Brazil; David White, a citizen of the United States of America; and Kyle J. MacBeth, a citizen of the United States of America; respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in "2786, A NOVEL HUMAN AMINOPEPTIDASE ", for which an application for United States Letters Patent was filed November 19, 1999 and assigned U.S. Patent Application No. 09/443,795, and

WHEREAS, Millennium Pharmaceuticals, Inc., a Delaware corporation having a principal place of business at 75 Sidney Street, Cambridge, MA 02139 , County of Middlesex, United States of America, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(SEAL)  
Rosana Kapeller-Libermann

STATE OF Massachusetts)  
\_\_\_\_\_  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Rosana Kapeller-Libermann personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 22nd day of Februar, 2000.

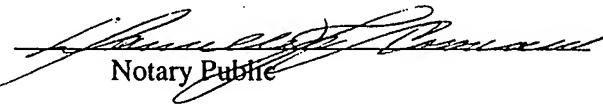
  
\_\_\_\_\_  
(SEAL)  
David White

STATE OF Massachusetts)  
\_\_\_\_\_  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify David White personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 22nd day of February, 2000.

(Official Seal)

  
\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
(SEAL)

Kyle J. MacBeth

STATE OF Massachusetts)  
                               )  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Kyle J. MacBeth personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Rosana Kapeller-Libermann, a citizen of Brazil; David White, a citizen of the United States of America; and Kyle J. MacBeth, a citizen of the United States of America; respectively;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in "2786, A NOVEL HUMAN AMINOPEPTIDASE ", for which an application for United States Letters Patent was filed November 19, 1999 and assigned U.S. Patent Application No. 09/443,795, and

WHEREAS, Millennium Pharmaceuticals, Inc., a Delaware corporation having a principal place of business at 75 Sidney Street, Cambridge, MA 02139 , County of Middlesex, United States of America, hereinafter referred to as assignee, is desirous of acquiring the entire right, title, and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to bind my heirs, legal representatives, and assigns promptly to communicate to said assignee or its representatives any facts known to me relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(SEAL)  
Rosana Kapeller-Libermann

STATE OF Massachusetts)  
                        )  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Rosana Kapeller-Libermann personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
(SEAL)  
David White

STATE OF Massachusetts)  
                        )  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify David White personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the \_\_\_\_\_ day of \_\_\_\_\_, 2000.

(Official Seal)

\_\_\_\_\_  
Notary Public

My Commission Expires: October 21, 2005

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 1<sup>st</sup> day of March  
\_\_\_\_\_, 2000.

Kyle J. MacBeth (SEAL)  
Kyle J. MacBeth

STATE OF Massachusetts)  
COUNTY OF Middlesex)

I, Danielle Jeannette Comeau, a Notary Public for said County and State, do hereby certify that Kyle J. MacBeth personally appeared before me this day and acknowledged the due execution of the foregoing instrument.

Witness my hand and official seal, this the 1<sup>st</sup> day of March, 2000.

(Official Seal)

Danielle J. Comeau  
Notary Public

My Commission Expires: October 21, 2005